

INTERNATIONAL SEARCH REPORT

International Application No

PC1/EP2004/005352

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A47L13/256 A47L13/254

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|---------------------------|
| X | US 4 852 210 A (KRAJICEK STEPHEN W) 1 August 1989 (1989-08-01) column 2, line 4 - column 4, line 7; figure 7 | 1-4,6, 11-13, 16,17 |
| A | US 6 098 239 A (VOSBIKIAN PETER S) 8 August 2000 (2000-08-08) | |
| A | DE 197 13 709 A (WEBER HERMANN) 8 October 1998 (1998-10-08) | |
| A | US 3 465 377 A (THOMAS GORDON D) 9 September 1969 (1969-09-09) | |
| A | DE 724 147 C (ANNA MENZ GEB LORKE) 19 August 1942 (1942-08-19) | |

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

3 September 2004

Date of mailing of the international search report

17/09/2004

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/005352

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|----------------------------|---------------------|
| US 4852210 | A | 01-08-1989 | NONE | |
| US 6098239 | A | 08-08-2000 | WO 0145547 A1 | 28-06-2001 |
| DE 19713709 | A | 08-10-1998 | DE 19713709 A1 | 08-10-1998 |
| US 3465377 | A | 09-09-1969 | NONE | |
| DE 724147 | C | 19-08-1942 | NONE | |